

WMAP Cosmological Parameters

Model: lcdm

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	$2.407^{+0.081}_{-0.082}$	H_0	71.2 ± 1.5 km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.8 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5752^{+32}_{-33} μK^2
$d_A(z_{\text{eq}})$	14263^{+83}_{-84} Mpc	$d_A(z_*)$	14099 ± 84 Mpc
$D_v(z=0.57)/r_s(z_d)$	13.07 ± 0.22	η	$(6.12 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00975 ± 0.00023	ℓ_{eq}	$137.4^{+2.4}_{-2.5}$
ℓ_*	$301.98^{+0.42}_{-0.41}$	n_b	$(2.513 \pm 0.041) \times 10^{-7}$ cm^{-3}
n_s	$0.9674^{+0.0096}_{-0.0095}$	Ω_b	0.0441 ± 0.0016
$\Omega_b h^2$	0.02237 ± 0.00037	Ω_c	0.220 ± 0.015
$\Omega_c h^2$	0.1112 ± 0.0032	Ω_Λ	0.736 ± 0.017
Ω_m	0.264 ± 0.017	$\Omega_m h^2$	0.1335 ± 0.0031
$r_s(z_d)$	153.32 ± 0.92 Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3539^{+0.0085}_{-0.0084}$
$r_s(z_d)/D_v(z=0.2)$	0.1929 ± 0.0043	$r_s(z_d)/D_v(z=0.35)$	0.1156 ± 0.0023
$r_s(z_d)/D_v(z=0.44)$	0.0948 ± 0.0017	$r_s(z_d)/D_v(z=0.54)$	$0.0800^{+0.0014}_{-0.0013}$
$r_s(z_d)/D_v(z=0.57)$	0.0765 ± 0.0013	$r_s(z_d)/D_v(z=0.6)$	0.0735 ± 0.0012
$r_s(z_d)/D_v(z=0.73)$	$0.06323^{+0.00092}_{-0.00091}$	$r_s(z_*)$	146.67 ± 0.84
R	1.718 ± 0.011	σ_8	0.805 ± 0.017
$\sigma_8 \Omega_m^{0.5}$	0.413 ± 0.020	$\sigma_8 \Omega_m^{0.6}$	0.362 ± 0.019
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.1 (95% CL)	t_0	$13.719^{+0.075}_{-0.074}$ Gyr
τ	0.086 ± 0.013	θ_*	0.010403 ± 0.000014
θ_*	0.59607 ± 0.00082 $^\circ$	τ_{rec}	285.4 ± 1.7
t_{reion}	469 ± 65 Myr	t_*	378789^{+2952}_{-2945} yr
z_d	$1019.85^{+0.82}_{-0.83}$	z_{eq}	3196 ± 74
z_{rec}	$1088.24^{+0.66}_{-0.65}$	z_{reion}	10.4 ± 1.1
z_*	$1091.08^{+0.63}_{-0.62}$		