

WMAP Cosmological Parameters

Model: lcdm+run+tens

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.15 ± 0.16	H_0	72.7 ± 2.1 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5760 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14230_{-119}^{+120} Mpc
$d_A(z_*)$	14065 ± 121 Mpc	$dn_s/d \ln k$	-0.020 ± 0.025
$D_v(z=0.57)/r_s(z_d)$	12.94 ± 0.28	η	$(6.34 \pm 0.16) \times 10^{-10}$
k_{eq}	0.00971 ± 0.00031	ℓ_{eq}	136.5 ± 3.3
ℓ_*	301.80 ± 0.63	n_b	$(2.606 \pm 0.064) \times 10^{-7} \text{ cm}^{-3}$
n_s	1.043 ± 0.064	n_t	> -0.068 (95% CL)
Ω_b	0.0440 ± 0.0019	$\Omega_b h^2$	0.02320 ± 0.00057
Ω_c	0.209 ± 0.019	$\Omega_c h^2$	0.1098 ± 0.0044
Ω_Λ	0.747 ± 0.021	Ω_m	0.253 ± 0.021
$\Omega_m h^2$	0.1330 ± 0.0042	r	< 0.54 (95% CL)
$r_s(z_d)$	152.8 ± 1.2 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.359 ± 0.011
$r_s(z_d)/D_v(z=0.2)$	0.1957 ± 0.0057	$r_s(z_d)/D_v(z=0.35)$	0.1171 ± 0.0030
$r_s(z_d)/D_v(z=0.44)$	0.0959 ± 0.0023	$r_s(z_d)/D_v(z=0.54)$	0.0808 ± 0.0018
$r_s(z_d)/D_v(z=0.57)$	0.0773 ± 0.0017	$r_s(z_d)/D_v(z=0.6)$	0.0742 ± 0.0016
$r_s(z_d)/D_v(z=0.73)$	0.0638 ± 0.0012	$r_s(z_*)$	146.4 ± 1.1
R	1.710 ± 0.015	σ_8	0.806 ± 0.023
$\sigma_8 \Omega_m^{0.5}$	0.405 ± 0.026	$\sigma_8 \Omega_m^{0.6}$	$0.353_{-0.025}^{+0.026}$
A_{SZ}	< 2.0 (95% CL)	t_0	13.61 ± 0.11 Gyr
τ	0.097 ± 0.016	θ_*	0.010410 ± 0.000022
θ_*	$0.5964_{-0.0013}^{+0.0012} \text{ }^\circ$	τ_{rec}	285.9 ± 2.3
t_{reion}	437_{-70}^{+69} Myr	t_*	380000_{-4073}^{+4055} yr
z_d	1021.6 ± 1.2	z_{eq}	3183 ± 101
z_{rec}	$1087.33_{-0.82}^{+0.83}$	z_{reion}	11.0 ± 1.3
z_*	$1089.91_{-0.92}^{+0.91}$		