

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	2.419 ± 0.099	H_0	69.9 ± 1.6 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5748 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14190 ± 115 Mpc
$d_A(z_*)$	14030 ± 118 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.57 ± 0.15
η	$(6.18 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00996 ± 0.00031
ℓ_{eq}	139.7 ± 3.3	ℓ_*	302.37 ± 0.64
n_b	$(2.538 \pm 0.054) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.971 ± 0.012
Ω_b	0.0464 ± 0.0023	$\Omega_b h^2$	0.02260 ± 0.00048
Ω_c	0.234 ± 0.011	$\Omega_c h^2$	0.1139 ± 0.0043
Ω_k	-0.0052 ± 0.0042	Ω_k	$-0.0135 < \Omega_k < 0.0034$ (95% CL)
Ω_Λ	0.725 ± 0.014	Ω_m	0.280 ± 0.013
$\Omega_m h^2$	0.1365 ± 0.0043	Ω_{tot}	1.0052 ± 0.0042
Ω_{tot}	$1.00 < \Omega_{\text{tot}} < 1.01$ (95% CL)	$r_s(z_d)$	152.3 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.3429 ± 0.0057	$r_s(z_d)/D_v(z=0.2)$	0.1863 ± 0.0026
$r_s(z_d)/D_v(z=0.35)$	0.1114 ± 0.0013	$r_s(z_d)/D_v(z=0.44)$	0.0913 ± 0.0010
$r_s(z_d)/D_v(z=0.54)$	$0.07697^{+0.00086}_{-0.00087}$	$r_s(z_d)/D_v(z=0.57)$	0.07369 ± 0.00083
$r_s(z_d)/D_v(z=0.6)$	$0.07075^{+0.00079}_{-0.00080}$	$r_s(z_d)/D_v(z=0.73)$	0.06093 ± 0.00068
$r_s(z_*)$	145.8 ± 1.1	R	1.729 ± 0.015
σ_8	0.845 ± 0.035	$\sigma_8 \Omega_m^{0.5}$	$0.447^{+0.019}_{-0.020}$
$\sigma_8 \Omega_m^{0.6}$	0.393 ± 0.018	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.98 ± 0.19 Gyr	τ	0.089 ± 0.014
θ_*	0.010390 ± 0.000022	θ_*	0.5953 ± 0.0013 °
τ_{rec}	283.9 ± 2.3	t_{reion}	455 ± 65 Myr
t_*	376261^{+3947}_{-3945} yr	w	-1.093 ± 0.077
z_d	1020.6 ± 1.1	z_{eq}	3267 ± 102
z_{rec}	1088.21 ± 0.76	z_{reion}	10.6 ± 1.1
z_*	$1091.03^{+0.80}_{-0.81}$		