

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.499^{+0.097}_{-0.096}$	H_0	71.7 ± 2.0 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5732 \pm 33 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14089 ± 98 Mpc
$d_A(z_*)$	13921^{+100}_{-99} Mpc	$D_v(z=0.57)/r_s(z_d)$	13.48 ± 0.13
η	$(6.12^{+0.13}_{-0.12}) \times 10^{-10}$	k_{eq}	$0.01034^{+0.00025}_{-0.00024}$
ℓ_{eq}	143.9 ± 2.5	ℓ_*	$302.62^{+0.61}_{-0.63}$
n_b	$(2.514^{+0.053}_{-0.051}) \times 10^{-7}$ cm $^{-3}$	n_s	0.963 ± 0.012
Ω_b	$0.0437^{+0.0027}_{-0.0028}$	$\Omega_b h^2$	$0.02239^{+0.00047}_{-0.00046}$
Ω_c	0.232 ± 0.011	$\Omega_c h^2$	0.1192 ± 0.0034
Ω_Λ	0.724 ± 0.013	Ω_m	0.276 ± 0.013
$\Omega_m h^2$	$0.1416^{+0.0034}_{-0.0033}$	$r_s(z_d)$	151.0 ± 1.0 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3478^{+0.0065}_{-0.0066}$	$r_s(z_d)/D_v(z=0.2)$	0.1885 ± 0.0027
$r_s(z_d)/D_v(z=0.35)$	0.1124 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	$0.09202^{+0.00091}_{-0.00092}$
$r_s(z_d)/D_v(z=0.54)$	$0.07753^{+0.00077}_{-0.00076}$	$r_s(z_d)/D_v(z=0.57)$	0.07421 ± 0.00073
$r_s(z_d)/D_v(z=0.6)$	0.07124 ± 0.00070	$r_s(z_d)/D_v(z=0.73)$	0.06132 ± 0.00061
$r_s(z_*)$	144.52 ± 0.90	R	1.747 ± 0.011
σ_8	$0.882^{+0.042}_{-0.043}$	$\sigma_8 \Omega_m^{0.5}$	$0.463^{+0.019}_{-0.020}$
$\sigma_8 \Omega_m^{0.6}$	0.407 ± 0.017	A_{SZ}	< 2.0 (95% CL)
t_0	13.749 ± 0.084 Gyr	τ	0.084 ± 0.013
θ_*	$0.010381^{+0.000022}_{-0.000021}$	θ_*	0.5948 ± 0.0012 °
τ_{rec}	281.1 ± 1.7	t_{reion}	456 ± 65 Myr
t_*	371489^{+2963}_{-2992} yr	w	-1.14 ± 0.11
z_d	$1020.6^{+1.1}_{-1.0}$	z_{eq}	3390^{+81}_{-80}
z_{rec}	$1088.79^{+0.71}_{-0.72}$	z_{reion}	10.4 ± 1.1
z_*	1091.77 ± 0.73		